



	Technical Data Sheet	
Product	Anti-Hu CD133 PE	
Cat. Number/Size	1P-820-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD133	
Clone	293C3	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2b	
Specificity	The mouse monoclonal antibody 293C3 recognizes the extracellular epitope 2 on human CD133 (CD133/2), a 120 kDa glycoprotein of prominin family, expressed e.g. on progenitor cells. This antibody is important for identification of human renal progenitors.	
Other names	Prominin 1, PROM1, AC133, PROML1, STGD4	
Workshop	HLDA VII Workshop	
Immunogen	human CD133 transfectants	
Entrez Gene ID	8842	
Gene name	PROM1	
NCBI Full Gene Name	prominin 1	
UniProt ID	O43490	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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